## Herculaneum, Missouri Community Advisory Group Meeting

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#### Site Goals Unchanged



- Residential soil and interior cleanups must continue
- Recontamination of residential soils is not acceptable
- Doe Run must continue to meet current goals
  - Keep streets clean
  - Ambient air standard
  - Full implementation of Materials Handling and Transportation Plan



#### Site Progress



- 136 yards replaced
- 74 home interiors cleaned
- 82 vácuúms provided by EPA
- Monthly monitoring is not showing recontamination of surface soils
- Draft speciation report



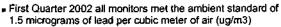
#### **Property Access from Owners**



- 6 Residents have refused yard soil sampling
- 24 Residents have refused yard soil replacement
- 50 residents have refused interior cleaning



#### Air Monitoring Data



- Second Quarter 2002 All monitors met the ambient standard except Broad Street
  - MDNR Data at Broad Street 2.24 ug/m3
  - ▶ Doe Run's Data at Broad Street 1.86 ug/m3
- Third Quarter 2002 To date, all monitors are meeting the standard
  - Doe Run's Data for Broad Street 1.1 ug/m3
  - Doe Run's Data for All other Monitors Below 0.5 ug/m3
- Attainment Date August 14, 2002



### **Ongoing Yard Soil Sampling**



- Sampling out to 1.5 miles from smelter completed September 13, 2002.
- Only 7% of samples have exceeded 400 ppm lead
- Access is being denied at some properties



#### **Current EPA Actions at Site**



- Surface soil replacement
- Improve smelter operations/reduce emissions
- Cleaning homes to HUD standards
- Community Awareness
- Monitoring for recontamination



#### **Home Interior Cleanup Strategy**



- Monitor for home interior lead dust levels
- Evaluate home interiors using HUD clearance standards
- Re-clean home interiors that exceed HUD clearance standards
- Develop site-specific lead dust clearance standards.



# Development of Site-Specific Interior Lead Dust Standard



- Form focus group to participate in process
- Provide participants with current studies inventory and site sampling data
- Provide experts to review site data and develop recommendation for clearance standard

